



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh) and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Monday, October 16, 2017  
Issued: 0800 CT

**Day 1 Weather Impacts:** *No significant weather is expected.*

**River Flood Impacts:** *Minor to Moderate river flooding will continue on the Nueces River in S TX.*

**National Weather Service**

*Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX*



**Prepared by: Jennifer McNatt**  
**817-978-1100 x 147**

# Key Points



## Today through Friday

- The Nueces River is moving water downstream; Bluntzer has crested in moderate flood and will remain in moderate flood this week, Calallen will continue rising and is expected to crest in minor flood on Tuesday then remain steady through much of the week.
- No other significant weather is expected this week
- Next weather system looks to move through the Region this weekend; too early to determine severe weather and/or heavy rain potential

## Tropical Outlook

- Showers and thunderstorms associated with a broad area of low pressure located about 175 miles N-NE of the Turks and Caicos Islands have increased overnight. Although the system is producing wind gusts to near tropical-storm force, satellite imagery suggests that it lacks a well-defined center. Upper level winds are forecast to remain marginally conducive for some additional development during the next day or so while the system moves generally northward. Conditions are expected to become unfavorable for further development by Wednesday when the disturbance merges with a frontal system over the western Atlantic.
  - Formation chance through 48 hours...medium...40%
  - Formation chance through 5 days...medium...40%

# FEMA Region 6 Threat Matrix

Oct 16, 2017 - Oct 20, 2017

	MON	TUE	WED	THU	FRI
Severe Weather					
Heavy Rain / Flash Flooding					
Fire Weather					
River Flooding	S TX	S TX	S TX	S TX	S TX
Tropical Weather					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

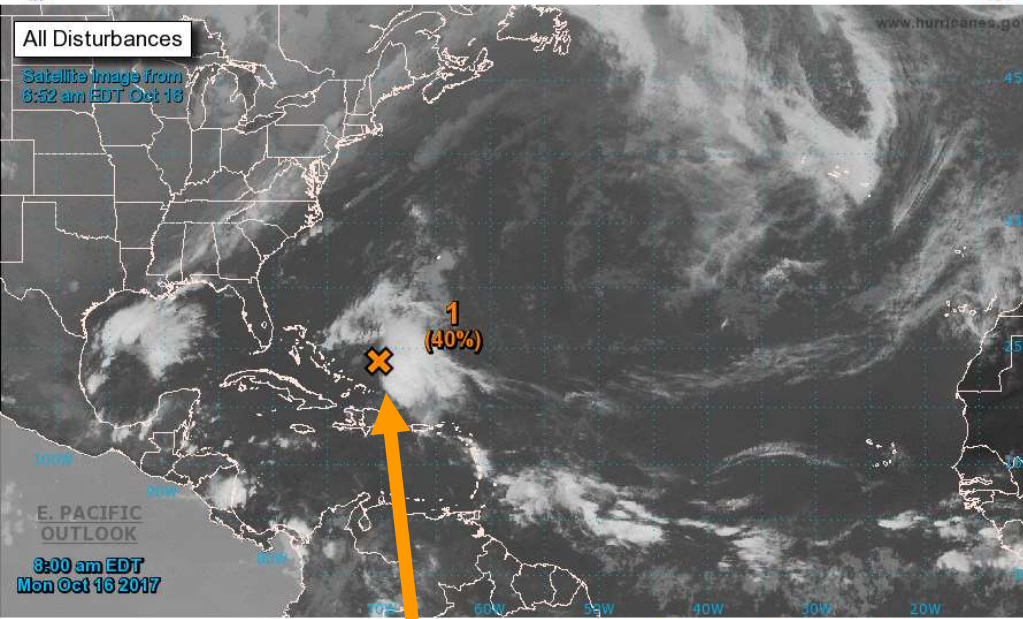


# Tropical Weather Outlook



## Two-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



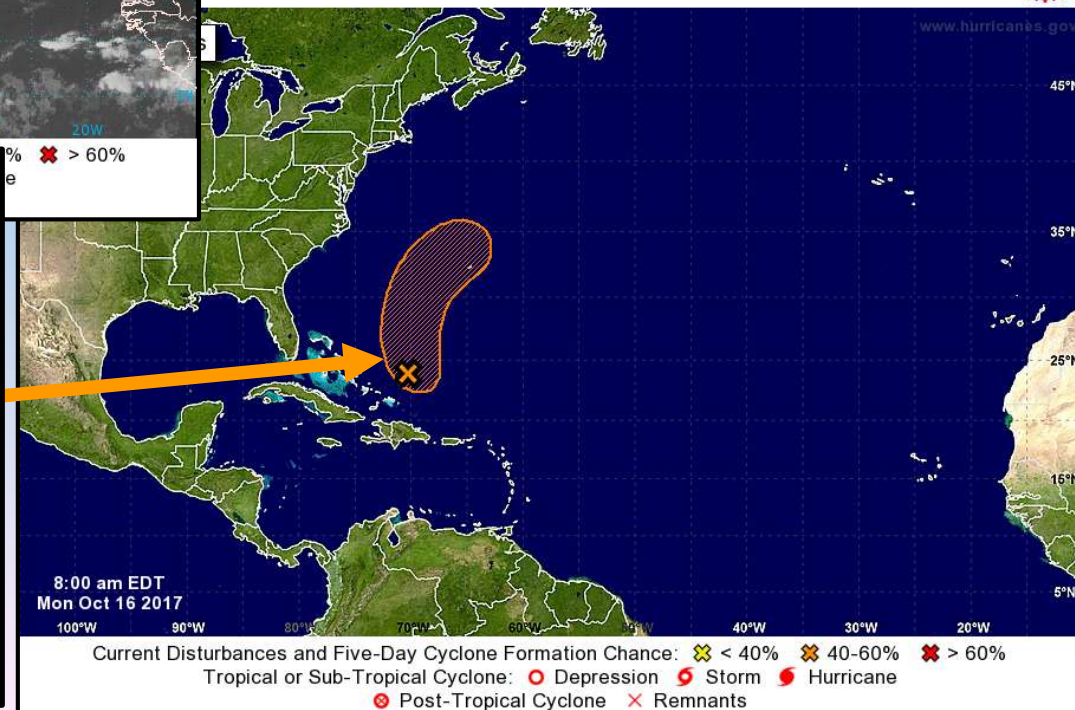
Showers and thunderstorms associated with a broad area of low pressure have increased overnight. Although the system is producing wind gusts to near tropical-storm force, satellite imagery suggests that it lacks a well-defined center. Upper level winds are forecast to remain marginally conducive for some additional development during the next day or so while the system moves generally northward. Conditions are expected to become unfavorable for further development by Wednesday when the disturbance merges with a frontal system over the western Atlantic.

Formation chance through 48 hours...medium...40%

Formation chance through 5 days...medium...40%

## Five-Day Graphical Tropical Weather Outlook

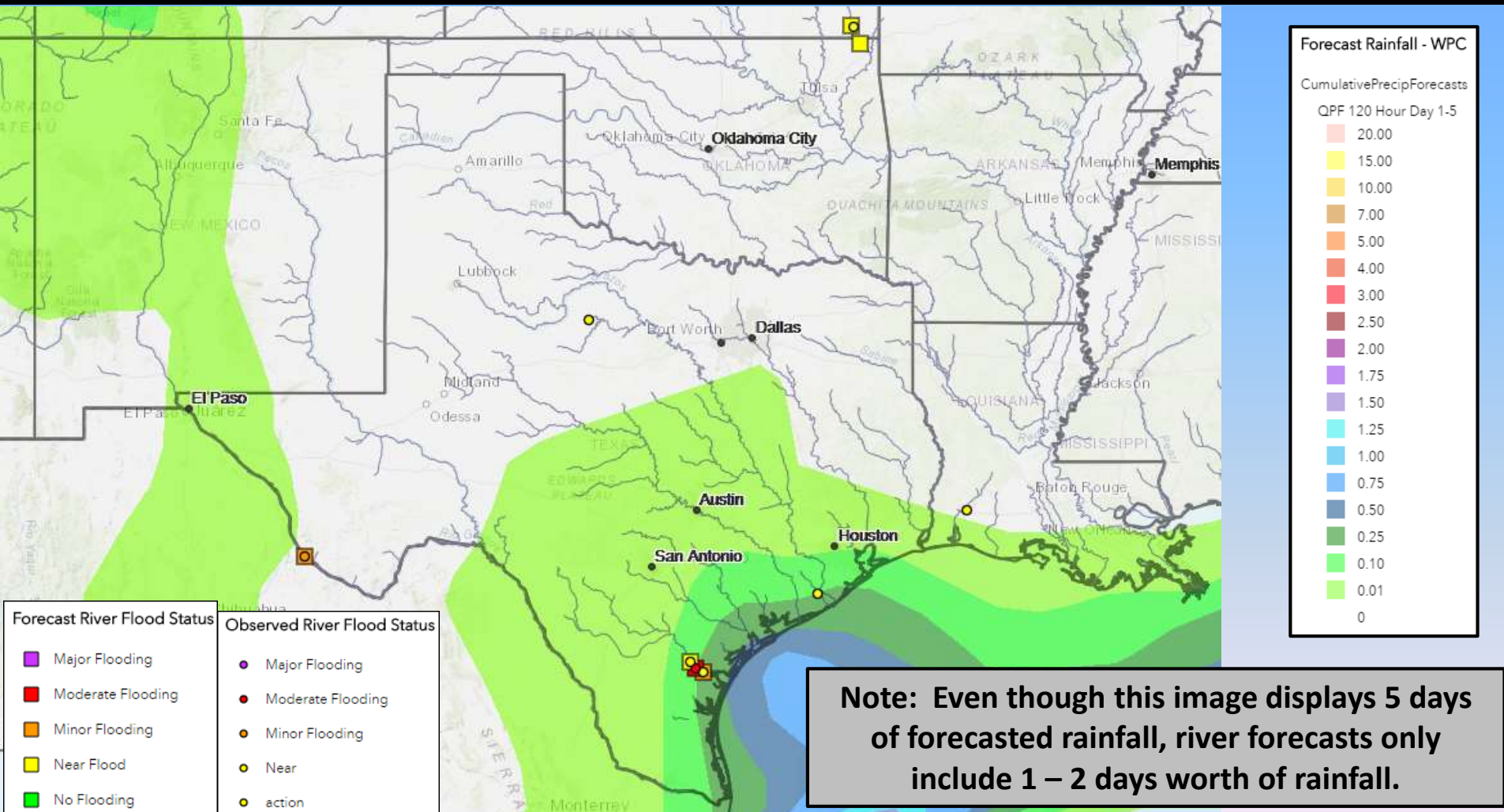
National Hurricane Center Miami, Florida





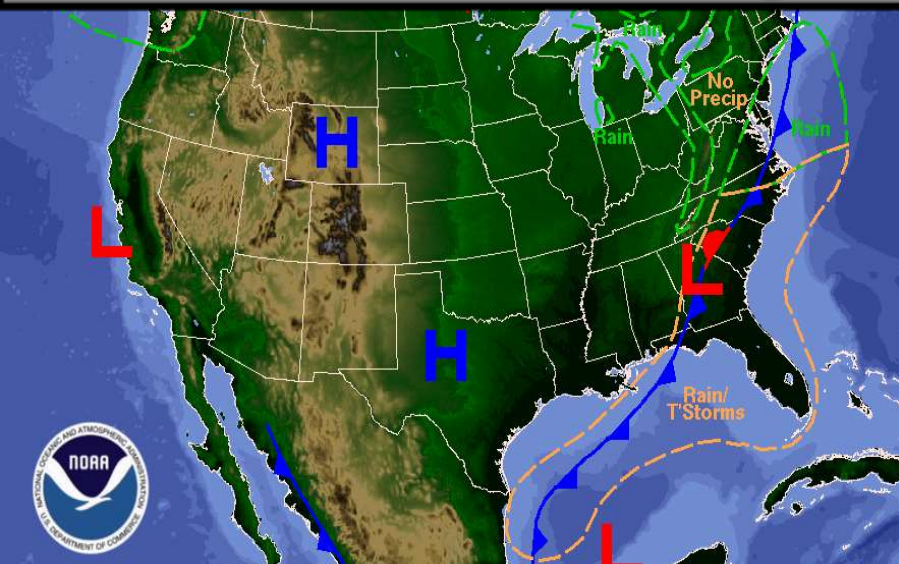
# 5-Day Precipitation Forecast & River Flood Status

The Nueces River is moving water downstream; Bluntzer has crested in Moderate flood and will remain in moderate flood this week, Calallen will continue rising and is expected to rise in Minor flood on Tuesday then remain steady through much of the week. Numerous secondary roads and low bridges are under water at these levels.



For the latest on river flooding: <http://water.weather.gov/ahps>

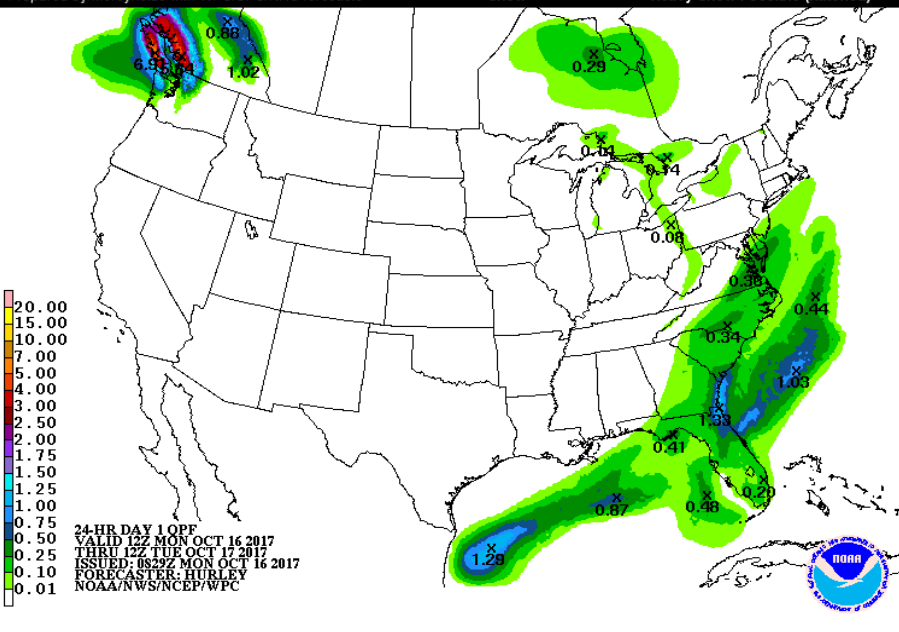
# Today's Weather



## Day 1 National Forecast Chart

Valid Mon, Oct 16, 2017, issued 4:16 AM EDT  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain  
 Rain and T'Storms  
 Rain and Snow  
 Snow  
 Flash Flooding Possible (hatched)  
 Severe T'Storms Possible (hatched)  
 Freezing Rain Possible (hatched)  
 Heavy Snow Possible (hatched)

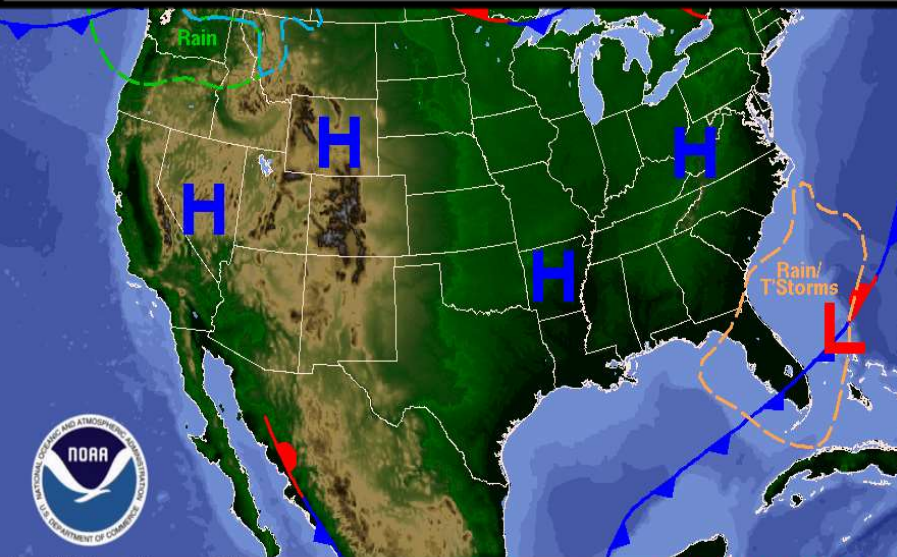


The Nueces River is moving water downstream and is in Moderate Flood at Bluntzer and is expected to continue rising at Calallen today.





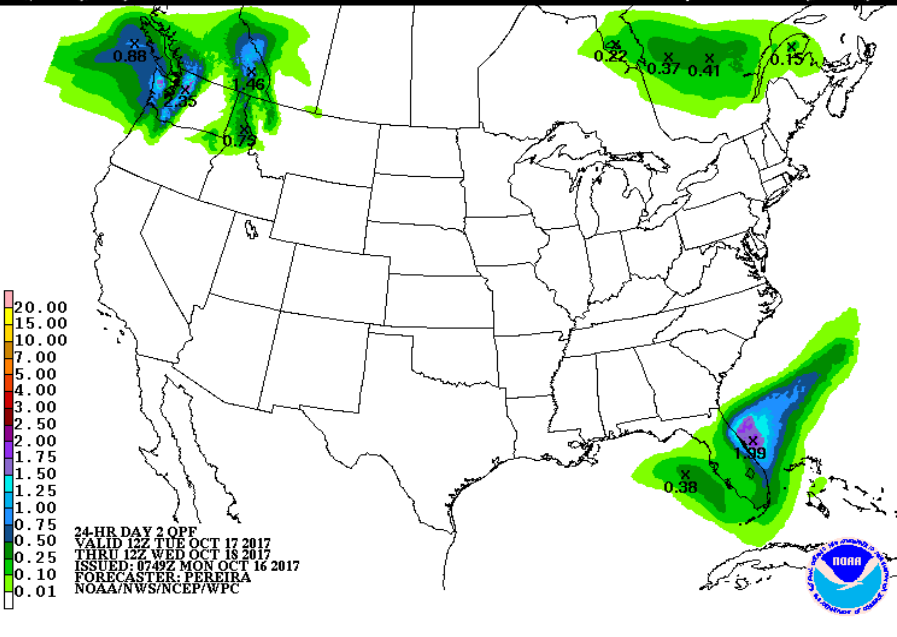
# Tomorrow's Weather



## Day 2 National Forecast Chart

Valid Tue, Oct 17, 2017, issued 4:20 AM EDT Mon, Oct 16, 2017  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain  
 Rain and T'Storms  
 Rain and Snow  
 Snow  
 Flash Flooding Possible (hatched)  
 Severe T'Storms Possible (hatched)  
 Freezing Rain Possible (hatched)  
 Heavy Snow Possible (hatched)



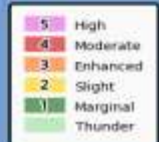
24-HR DAY 2 OPI  
 VALID 12Z TUE OCT 17 2017  
 THRU 12Z WED OCT 18 2017  
 ISSUED 0749Z MON OCT 16 2017  
 FORECASTER: PEREIRA  
 NOAA/NWS/NCEP/WPC

The Nueces River will continue moving water downstream and will continue in Moderate Flood at Bluntzer and rise into minor flood at Calallen today.

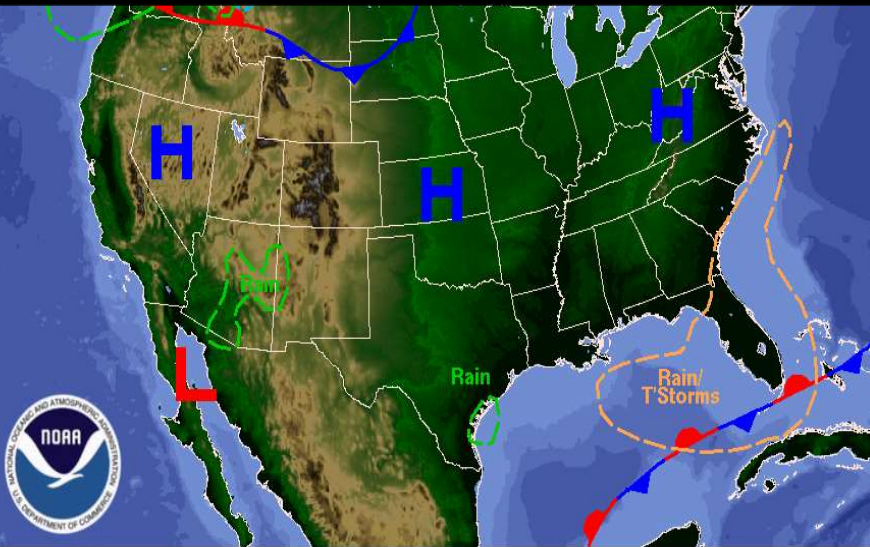


## Tornado & Severe Thunderstorm Outlook Tuesday, October 17, 2017

Last updated: Oct 16 2017 11:32 PM CDT  
 Valid until: Oct 18 2017 07:00 AM CDT



# Wednesday's Weather

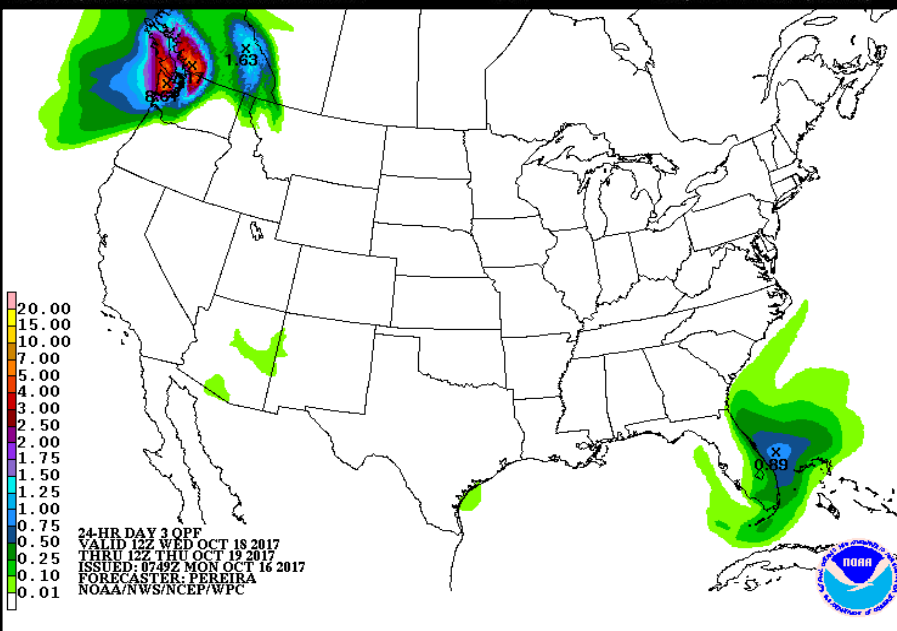


## Day 3 National Forecast Chart

Valid Wed, Oct 18, 2017, Issued 4:22 AM EDT Mon, Oct 16, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Mcreynolds with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)

The minor to moderate flooding of the Nueces River will continue at Bluntzer and Calallen.



24-HR DAY 3 OFF  
VALID 12Z WED OCT 18 2017  
THRU 12Z THU OCT 19 2017  
ISSUED: 0749Z MON OCT 16 2017  
FORECASTER: PERPBA  
NOAA/NWS/NCEP/WPC



## Tornado & Severe Thunderstorm Outlook Wednesday, October 18, 2017

Last Updated: Oct 16 2017 11:08 PM CDT  
Valid Until: Oct 16 2017 0700 AM CDT











# Day 4-5 Weather Hazards

*Valid: 0800 Thu - 0800 Sat*



**No Significant Weather Impacts.**

**Minor to Moderate  
Flooding will continue  
on the Nueces River.**

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

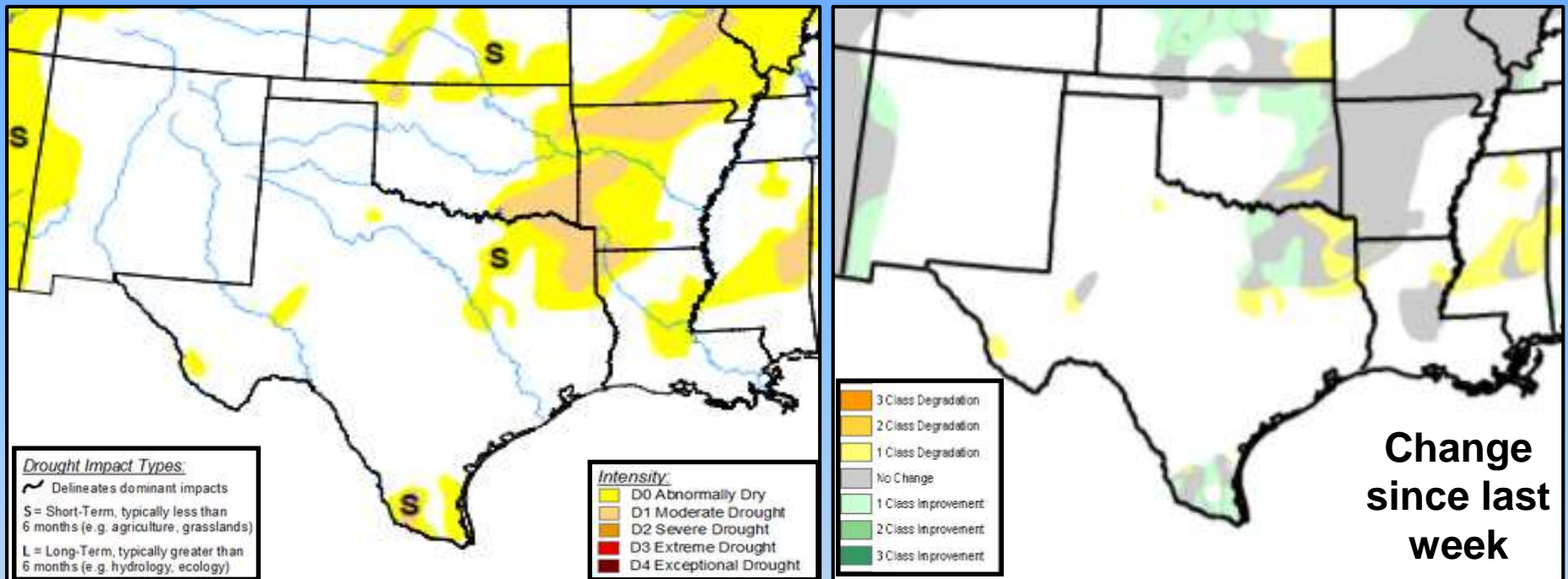
*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*





# Drought Monitor Released 12 October, 2017

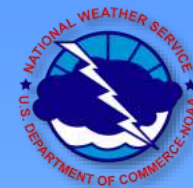
Data valid as of 7am CDT, Tuesday, October 10, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

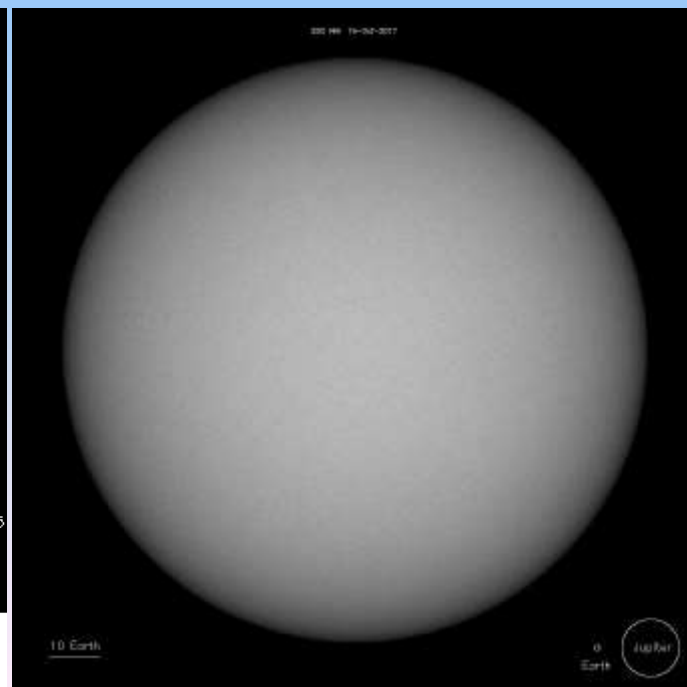
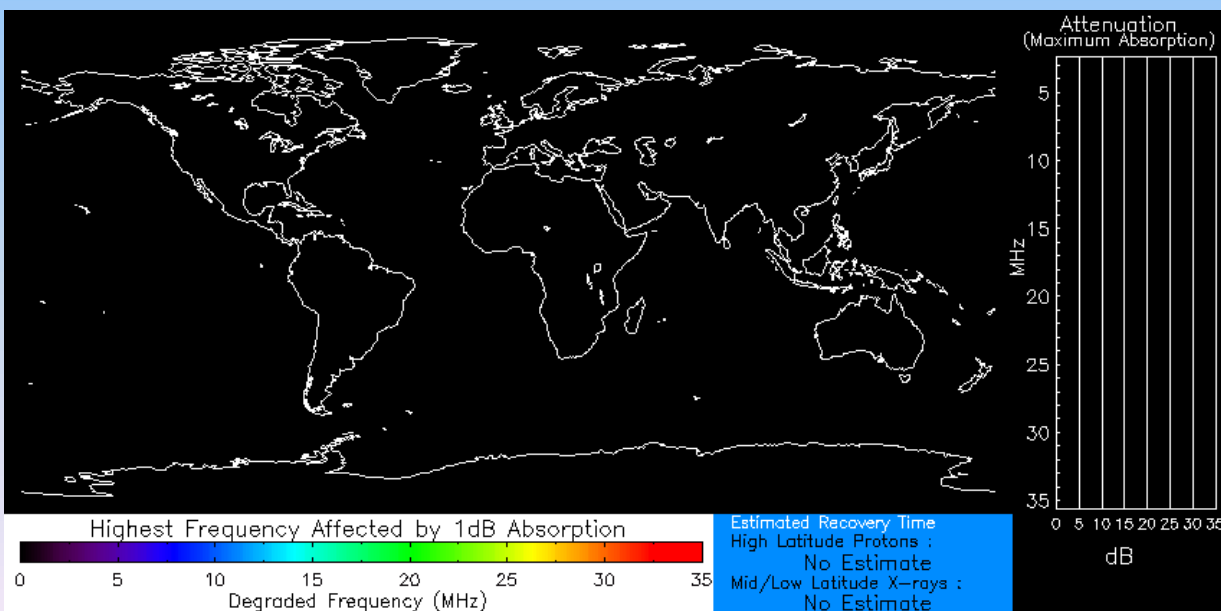
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Monday	Tuesday	Wednesday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background  
Product Valid At : 2017-10-16 11:31 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA



Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)

**facebook**

<https://www.facebook.com/NWSSouthern>

**twitter**

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)

# The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>